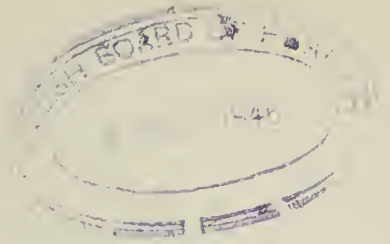


BUCKLEY URBAN DISTRICT
COUNCIL

C O P Y
R E P O R T

- of -

DR. DAVID FRASER,
Medical Officer of Health
for the year 1945.





Digitized by the Internet Archive
in 2016 with funding from
Wellcome Library

<https://archive.org/details/b28830349>

BUCKLEY.

Miss Catherall and Gentlemen,

I have pleasure in presenting to you my Report upon the Health of the District for the year 1945.

It is drawn up in accordance with the Circular issued by the Ministry of Health to Medical Officers of Health.

It is divided into six parts:-

1. Statistics and Social Conditions of the Area.
2. General provisions of Health Services in the Area.
3. Sanitary Circumstances of the Area.
4. Housing.
5. Prevalence of and control over Infectious Diseases.
6. Inspection and Supervision of Food.

Yours obediently,

DAVID FRASER

Medical Officer of Health.

SUMMARY OF VITAL STATISTICS

| | |
|---|-------|
| Area (in Acres) | 2667 |
| Population (Census 1931) | 6900 |
| Population (Estimated December 1945) | 7170 |
| Inhabited Houses | 1985 |
| New Houses certified | 3 |
| Density | .734 |
| Births | 116 |
| Birth Rate (per 1000) | 16.17 |
| Deaths | 84 |
| Death Rate (per 1000) | 11.7 |
| Infantile Mortality (per 1000) | 43 |
| Zymotic Death Rate (7 Zymotic per 1000) | .13 |
| All forms of Tuberculosis | .4 |

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

| | |
|---|------------|
| Area (in Acres) | 2667 |
| Population (Census 1921) | 6726 |
| Population (Census 1931) | 6900 |
| Population (Estimated December 1945) | 7170 |
| Number of Inhabited Houses (1921) | 1490 |
| Number of Inhabited Houses (December 1945) | 1985 |
| Number of Families or Separate occupiers (1945) | 2053 |
| Rateable Value | £25,629 |
| Sum represented by a 1d Rate | £97. 11. 7 |

The Buckley Urban District is situated on a foothill of the Clwydian range to the North East of the County of Flint, and is bounded on the North, East and South by the Hawarden Rural District, and on the North, West and South by the Holywell Rural District. The subsoil is clay in the greater part of the area. Below are the lower coal measures now very little worked. The principal industries are Brick and Tile and Pipe Works, together with agriculture.

EXTRACTS FROM THE VITAL STATISTICS OF THE YEAR

Births: 116

Birth Rate: 16.17

| | <u>Male</u> | <u>Female</u> |
|--------------|-------------|---------------|
| Legitimate | 52 | 52 |
| Illegitimate | 6 | 6 |
| | <u>58</u> | <u>58</u> |

Total: 116

Deaths: Males 44 Females 40 Total: 84

Death Rate: 11.7 Death Rate England and Wales: 11.4

Number of Women dying in, or in consequence of, Childbirth

From Sepsis: 0

From other causes: 0

Deaths from Measles (all Ages): 0

Deaths from Whooping Cough (all ages): 0

Deaths from Diarrhoea (under 2 years of age): 0

Deaths from Cerebro-Spinal Fever (all ages): 0

----- ooOoo -----

CAUSES OF DEATH

| | M. | F. |
|--|----|----|
| ALL CAUSES | 44 | 40 |
| 1. Typhoid and Paratyphoid Fevers | - | - |
| 2. Cerebro-Spinal Fever | - | - |
| 3. Scarlet Fever | - | - |
| 4. Whooping Cough | - | - |
| 5. Diphtheria | - | - |
| 6. Tuberculosis of Respiratory System | 3 | 1 |
| 7. Other forms of Tuberculosis | - | - |
| 8. Syphilitic Diseases | - | - |
| 9. Influenza | - | 1 |
| 10. Measles | - | - |
| 11. Acute Polio-Myelitis and Polio-Encephalitis | - | - |
| 12. Acute Infective Encephalitis | - | - |
| 13. Cancer of Mouth and Oesophagus (M) Uterus (F) | 1. | - |
| 14. Cancer of Stomach and Duodenum | 4 | 3 |
| 15. Cancer of Breast | - | 1 |
| 16. Cancer of all other sites | 7 | 3 |
| 17. Diabetes | 1 | - |
| 18. Intracranial Vascular Lesions | 2 | 7 |
| 19. Heart Disease | 13 | 14 |
| 20. Other diseases of Circulatory System | 1 | - |
| 21. Bronchitis | 2 | - |
| 22. Pneumonia | 1 | 1 |
| 23. Other Respiratory Diseases | - | - |
| 24. Ulcer of Stomach or Duodenum | - | - |
| 25. Diarrhoea under 2 years | - | - |
| 26. Appendicitis | - | 2 |
| 27. Other Digestive Diseases | - | 1 |
| 28. Nephritis | 1 | - |
| 29. Puerperal and Postabortional Sepsis | - | - |
| 30. Other Maternal Causes | - | - |
| 31. Premature Birth | - | - |
| 32. Congenital Malformation: birth injury: infantile | 1 | 3 |
| 33. Suicide | 1 | - |
| 34. Road Traffic Accidents | - | - |
| 35. Other Violent Causes | 1 | 2 |
| 36. All other causes | 4 | 2 |

| | | |
|--------------------------------|----|----|
| Deaths of Infants under 1 year | M. | F. |
| Total | 2 | 3 |
| Legitimate | 2 | 3 |
| Illegitimate | - | - |

| | | |
|--------------|----|----|
| Live Births: | M. | F. |
| Total | 58 | 58 |
| Legitimate | 52 | 52 |
| Illegitimate | 6 | 6 |

| | | |
|---------------|----|----|
| Still Births: | M. | F. |
| Total | 4 | 2 |
| Legitimate | 2 | 1 |
| Illegitimate | 2 | 1 |

| | |
|------------|-------|
| Population | 7,170 |
|------------|-------|

PUBLIC HEALTH OFFICERS OF THE AUTHORITY

The Public Health Officials of the Urban Authority consist of:

Medical Officer of Health: Dr. David Fraser, M.B.
Sanitary Inspector: F. Bannister Jones, F.S.I.A.
Certificate R.S.I. & S.I.E.J.B.
Certificate Liverpool University in
Sanitary Science.
Certificate Liverpool University in
Meat & Foods.

NURSING IN THE HOME

Owing to the activities of the Buckley Pantomime Company and the benevolence of its Committee it has been possible to form a District Nursing Association in the Area. This is supported by organised public subscription. In consequence the Area has a most capable and efficient nurse.

MIDWIVES

There are three qualified Midwives in the Urban District.

NATIONAL HEALTH INSURANCE.

Three qualified Medical Practitioners residing in the area carry out and are responsible for the treatment of patients under the above Act.

LABORATORY FACILITIES

This work is now carried out by the Emergency Public Health Laboratory at Conway.

HOSPITALS

Isolation: None. Infectious cases needing isolation and hospital treatment are sent to the St. Asaph Isolation Hospital.

Small-pox: None.

Tuberculosis: None. Cases from the area are sent to the Welsh National Memorial Hospital at Meadowslea, Penyffordd, about three miles away, and may be transferred from there, by the recommendation of the Tuberculosis Medical Officer for Denbighshire and Flintshire, to the Sanatorium at Llangwyfan, Denbigh, or one of the other Welsh Sanatoria.

Maternity: None. A County Maternity Hospital is situated at Mancot Royal, approximately four and a half miles away, where patients may go if they desire.

Children's: None. Children are sent to the Royal Infirmary, Chester, or in special cases to the Children's Hospital, Myrtle Street, Liverpool.

Other Hospitals: Emergency cases are sent to the Royal Infirmary, Chester, or, occasionally, to the Cottage Hospital, Mold.

INSTITUTIONAL PROVISIONS FOR UNMARRIED MOTHERS, ILLEGITIMATE INFANTS AND HOMELESS CHILDREN.

None in the area. Provision is made by the County Council at the Poor Law Institution, St. Asaph.

MENTAL DEFECTIVES

The supervision of cases under the Mental Deficiency Acts is carried out by the County Council.

AMBULANCE FACILITIES : None.

CLINIC AND TREATMENT CENTRES

Maternity and Child Welfare : There is an Ante-Natal Centre and Infant Welfare Centre conducted by the County Council at the Welsh C.M. Schoolroom, the former on the first and third Monday afternoon, and the latter every Monday afternoon.

Day Nurseries : None.

School Clinics : A school clinic supervised by the County Medical Officer of Health and his assistants is held on the Tuesday of each week in the Welsh C.M. Schoolroom.

Tuberculosis Dispensaries : None in the area. There is a Visiting Station at Oaklands, Queensferry, at which the Tuberculosis Medical Officer or his Assistant see patients once a fortnight. There is also a Clinic every Monday and Thursday afternoon at Meadowslea Hospital, Penyffordd.

Venereal Diseases : None. Cases are sent to the Venereal Diseases Clinic at the Royal Infirmary, Chester, by arrangement between the County Authorities and the Chester Royal Infirmary.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER

The Water Supply is owned and controlled by the Howarden and District Waterworks Company. The quality on the whole was good, but the supply in some parts of the area was poor.

1. Rivers and Streams : No action was taken.
2. Drainage and Sewerage : No action was taken.

Closet Accommodation

Below I give a table showing the number of dwelling houses in each Ward and the various types of closets in use therein.

| Name of Ward | No. of Houses. | Pail Closets. | Water Closets. | Total. |
|--------------|----------------|---------------|----------------|--------|
| EWLOE TOWN | 253 | 146 | 107 | 253 |
| EWLOE WOOD | 268 | 159 | 109 | 268 |
| PENTROBIN | 338 | 78 | 260 | 338 |
| ARGOED | 327 | 41 | 286 | 327 |
| BISTRE EAST | 371 | 34 | 337 | 371 |
| BISTRE WEST | 428 | 83 | 345 | 428 |
| TOTAL | 1985 | 541 | 1444 | 1985 |

PUBLIC CLEANSING

| Name of School | Situation | Water Supply |
|-----------------------|----------------|--------------------|
| St. Matthew's | Church Road | Hawarden Water Co. |
| St. Matthew's Infants | Church Road | Hawarden Water Co. |
| Lane End Infants | Chester Road | Hawarden Water Co. |
| Bistre C. of E. | Mold Road | Hawarden Water Co. |
| Buckley Council | Padeswood Road | Hawarden Water Co. |

SMOKE ABATEMENT

No action was necessary with a view to smoke abatement.

SWIMMING BATHS

The Swimming and Plunge Baths situated behind the Public Library were a gift of the Miners' Welfare Committee. The water is supplied by the Hawarden Waterworks Co., and is filtered, chlorinated and aerated.

There are no privately owned Baths or Pools.

ERADICATION OF BED BUGS

No action was necessary.

PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYELAWS OR REGULATIONS

There are no such premises or occupations.

There are no premises within the area on which Rag Flock is manufactured or sold.

HOUSING

1. Inspection of Dwelling Houses during the year :-

- | | | |
|------|---|-----------|
| (1). | (a) Total Number of dwelling houses inspected for housing defects (under Public Health & Housing Acts) | 119 |
| | (b) Number of Inspections made for the purpose | about 300 |
| (2) | (a) Number of dwelling houses (included under sub-head (1)(above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 | 91 |
| | (b) Number of Inspections made for the purpose | about 235 |
| (3) | Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | Nil |
| (4) | Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation | 33 |

2. Remedy of defects during the year without service of formal notice.

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers.

5

5

3. Action under Statutory Powers during the year, 1945 :

(a) - Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :

(1) Number of dwelling houses in respect of which Notices were served requiring repairs ... Nil
 (2) Number of dwelling houses which were rendered fit after service of formal notices

(a) By owners ... Nil
 (b) By Local Authority in default of Owners ... Nil

(b) - Proceedings under Public Health Acts :

(1) Number of dwelling houses in respect of which Notices were served requiring defects to be remedied Nil
 (2) Number of dwelling houses in which defects were remedied after service of formal Notices :

(a) By Owners ... Nil
 (b) By Local Authority in default of Owners ... Nil

(c) - Proceedings under Sections 11 and 13 of the Housing Act, 1936 :

(1) Number of dwelling houses in respect of which demolition orders were made ... Nil
 (2) Number of dwelling houses demolished in pursuance of demolition orders ... Nil

(d) - Proceedings under Section 12 of the Housing Act, 1936 :

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made Nil
 (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit. ... Nil

4. Housing Act, 1936. Part IV - Overcrowding

(a) (1) Number of dwellings overcrowded at the end of the year ... Nil
 (2) Number of families dwelling therein ... Nil
 (3) Number of persons dwelling therein ... Nil

(b) Number of cases of overcrowding reported during the year ... Nil

(c) (1) Number of cases of overcrowding relieved during the year ... Nil
 (2) Number of persons concerned in such cases ... Nil

(d) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding ... Nil

(e) Any other particulars with respect of overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report ... Nil

The following sanitary improvements have been effected during the year ended the 31st December, 1945.

| | |
|--|-----|
| Pail Closets abolished | 3 |
| New Water Closets erected | 3 |
| Old drains taken up | 5 |
| New drains laid down | 5 |
| Inspection Chambers provided | 5 |
| Drains trapped | 5 |
| New sinks provided | 2 |
| New trapped Waste pipes provided | 3 |
| Roofs repaired | 7 |
| New doors provided | 3 |
| New ashbins provided | 50 |
| Ashpits abolished | 21 |
| Floors repaired and renewed | 2 |
| Eaves, gutters and downspouts repaired and renewed | 7 |
| Houses inspected | 55 |
| Houses repaired | 15 |
| Visits to Houses | 110 |

INFECTIOUS DISEASE

| | |
|---------------------------|----|
| Visits to infected Houses | 12 |
| Houses disinfected | 6 |

INFECTIOUS DISEASES

| Disease | Total cases notified | Cases admitted to Hospital | Total Deaths |
|-----------------------|----------------------|----------------------------|--------------|
| Small-pox | - | - | - |
| Scarlet Fever | 6 | 5 | - |
| Diphtheria | - | - | - |
| Enteric Fever | - | - | - |
| Pneumonia | 14 | - | 2 |
| Cerebro-spinal Fever | 1 | 1 | - |
| Measles | 264 | - | - |
| Whooping Cough | - | - | - |
| Erysipelas | 3 | - | - |
| Puerperal Pyrexia | - | - | - |
| Ophthalmia Neonatorum | - | - | - |

PREVENTION OF BLINDNESS

No action was taken

TUBERCULOSIS

No action was taken

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS)
DURING THE YEAR 1945

| | D I S E A S E | | | | | | | | | | |
|------------------------|----------------------|-----------|---------------|------------|---------------|-------------------|-----------|------------|------------|---------|----------------|
| | Cerebro-Spinal Fever | Small Pox | Scarlet Fever | Diphtheria | Enteric Fever | Puerperal Pyrexia | Pneumonia | Erysipelas | Ophthalmia | Measles | Whooping Cough |
| Under 1 year | | | | | | | 3 | | | 12 | |
| 1 and under 2 | | | | | | | 2 | | | 19 | |
| 2 and under 3 | | | | | | | | | | 31 | |
| 3 and under 4 | | | 1 | | | | | | | 42 | |
| 4 and under 5 | | | 1 | | | | 3 | | | 43 | |
| 5 and under 10 | | | 3 | | | | | | | 108 | |
| 10 and under 15 | | | 1 | | | | | | | 8 | |
| 15 and under 20 | | | | | | | | | | 1 | |
| 20 and under 35 | | | | | | | 1 | | | | |
| 35 and under 45 | | | | | | | | 1 | | | |
| 45 and under 65 | 1 | | | | | | 5 | 2 | | | |
| 65 and over | | | | | | | | | | | |
| Total Cases notified | 1 | | 6 | | | | 14 | 3 | | 264 | |
| Cases sent to Hospital | 1 | | 5 | | | | | | | | |
| TOTAL DEATHS | - | | - | | | | 2 | - | | - | |

TUBERCULOSIS

New Cases and Mortality during
the year 1945

| AGE PERIODS | NEW CASES | | | | DEATHS | | | |
|-------------|-----------|---|---------------|---|-----------|---|---------------|---|
| | Pulmonary | | Non-Pulmonary | | Pulmonary | | Non-Pulmonary | |
| | M | F | M | F | M | F | M | F |
| Under 1 | | | | | | | | |
| 1 - 5 | | | | | | | | |
| 5 - 10 | | 2 | | | | | | |
| 10 - 15 | 1 | | | | | | | |
| 15 - 20 | | | | | | | | |
| 20 - 25 | | | | | | | | |
| 25 - 35 | | 1 | | | | | | |
| 35 - 45 | | | | | 1 | 1 | | |
| 45 - 55 | | | | | | | | |
| 55 - 65 | | | | | 1 | | | |
| 65 and over | | | | | | | | |
| TOTAL | 1 | 3 | | | 2 | 1 | | |

OPHTHALMIA NEONATORUM

| C A S E S | | | Vision Unimpaired | Vision Impaired | Total Blindness | Deaths |
|-----------|---------|-------------|----------------------|--------------------|--------------------|--------|
| Notified | Treated | | | | | |
| | At Home | In Hospital | | | | |
| - | - | - | - | - | - | - |

INSPECTION AND SUPERVISION OF FOOD

MILK

No samples of milk were taken during the year.

SHIPPONS AND DAIRIES

These have been inspected and where necessary, improvements have been carried out. The milk supply as a whole is produced and retailed under good hygienic conditions.

MEAT INSPECTION

You are, no doubt, aware that the whole of the slaughtering for the Buckley Urban Area is now carried out at the Ministry of Food Abattoir, Mold. Meat Inspection is carried out by the Mold Meat Inspector. With regard to the statistics these are not available to me but they will be included, no doubt, in the Mold Medical Officer of Health's Report.

----- ooOoo -----

IMMUNISATION AGAINST DIPHTHERIA

| | Aged under 5 | Aged 5 - 15 | Total |
|--|-----------------|----------------|-------|
| No. of children who received full immunisation during 1945 | 72 | 16 | 88 |
| No. of children immunised in the 6 years ended 31/XII/45 | 401 | 842 | 1243 |
| No. of these who in their respective age groups would have reached the ages of 5 and 15 at 31/XII/45 | 171 | 94 | |
| No. of non-residents immunised | | 44 | |
| Population of these two age groups at June 1945 according to Food Office statistics | 646 | 1104 | |
| No. of population of these ages who at 31/XII/45 have received full immunisation | 230 | 875 | |
| Percentage of population of these ages who at 31/XII/45 have received full immunisation | 35.6% | 79% | |
| Percentage of population under 15 who at 31/XII/45 have received full immunisation | 63% | | |

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1945
FOR THE URBAN DISTRICT OF BUCKLEY

on the Administration of the Factory
and Workshop Act 1901 in connection with
FACTORIES, WORKSHOPS and WORKPLACES

1. Inspection of Factories, Workshops and Workplaces,
including Inspections made by Sanitary Inspectors or
Inspector of Nuisances.

| Premises | Number of | | |
|---|-------------|-----------------|----------------------|
| | Inspections | Written Notices | Occupiers prosecuted |
| Factories, including Factory Laundries | Nil | Nil | Nil |
| Workshops, including Workshop Laundries | 17 | Nil | Nil |
| Workplaces, other than Outworkers' premises | Nil | Nil | Nil |
| TOTAL | 17 | Nil | Nil |

2. Defects found in Factories, Workshops and Workplaces

| Particulars | Number of Defects | | | Number of offences in respect of which prosecutions were instituted |
|--|-------------------|----------|----------------------------|---|
| | Found | Remedied | Referred to H.M. Inspector | |
| Nuisances under the Public Health Acts: Want of Cleanliness Want of Ventilation Overcrowding Want of Drainage of Floors Other Nuisances | 2 | 2 | Nil | Nil |
| Sanitary accommodation: Insufficient Unsuitable or defective Not separate for sexes | | | | |
| Offences under the Factory & Workshop Acts: Illegal occupation of underground bakehouse (s.101) Other offences (excluding offences relating to out-work and offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921 | | | | |
| TOTAL | 2 | 2 | Nil | Nil |

